

FORM PTO-1390  
REV. 5-93US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEYS DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371****P05,0167**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

**10/532790**INTERNATIONAL APPLICATION NO.  
**PCT/SE2003/001676**INTERNATIONAL FILING DATE  
**October 28, 2003**PRIORITY DATE CLAIMED  
**October 21, 2002**TITLE OF INVENTION: **"MOTION SENSOR CONTAINING FLUID INCORPORATING MOLECULES EXHIBITING MOTION-DEPENDENT ANISOTROPIC PROPERTIES" (As Amended)**APPLICANT(S) FOR DO/EO/US **Kenneth Dowling**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). **Executed**
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; **(PTO 1449, Prior Art, Search Report)**.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
A SECOND or SUBSEQUENT preliminary amendment.
14. ☒ A substitute specification. **and Marked-up version of Substitute Specification**
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
  - a. ☒ **Submission of Drawings for Publication**
  - b. ☒ **EXPRESS MAIL # Mailed EV362544819US.**
  - c. ☒ **Certified Copy of Priority Document**

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <b>10/532790</b>		INTERNATIONAL APPLICATION NO. PCT/SE2003/001676		ATTORNEY'S DOCKET NUMBER P05,0167	
--	--	--	--	--------------------------------------	--

  

17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> (Search Report has been prepared by the EPO or JPO) ..... \$1000.00 (Includes National Stage, Search, and Examination Fees)  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				CALCULATIONS		PTO USE ONLY	
				<b>\$1000.00</b>			
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).							
Claims	Number Filed	Number Extra	Rate				
Total Claims	17-20 =	0	X \$50.00	<b>\$00</b>			
Independent Claims	2-3 =	0	X \$200.00	<b>\$00</b>			
Multiple Dependent Claims			\$300.00 +				
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>			
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)							
<b>SUBTOTAL =</b>				<b>\$1000.00</b>			
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$00			
<b>TOTAL NATIONAL FEE =</b>				<b>\$1000.00</b>			
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				+			
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1000.00</b>			
				Amount to be refunded			
				charged			

  

a. ☒ A check in the amount of **\$1000.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **501519**. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**

**Schiff Hardin LLP**  
**Patent Department**  
**6600 Sears Tower**  
**Chicago, Illinois 60606-6473**  
**Customer Number 26574**

**SIGNATURE**

**Steven H. Noll**  
**NAME**

**28,982**  
**Registration Number**

MAIL STOP PCT  
IN THE UNITED STATES DESIGNATED OFFICE  
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY-CHAPTER II

5

**SUBMISSION OF DRAWINGS FOR PUBLICATION**

APPLICANT: Kenneth Dowling  
ATTORNEY DOCKET NO. P05,0167  
INTERNATIONAL APPLICATION NO: PCT/SE2003/001676  
INTERNATIONAL FILING DATE: October 28, 2003

10 INVENTION: "MOTION SENSOR CONTAINING FLUID  
INCORPORATING MOLECULES EXHIBITING MOTION-  
DEPENDENT ANISOTROPIC PROPERTIES" (As  
Amended)

15 Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

S I R:

Applicant herewith submits two sheets (Figs. 1-4) of drawings for the  
above application in a form suitable for publication purposes. Figures 1, 2 and  
20 4 embody the drawing amendment made in Amendment "A" Prior to Action,  
filed simultaneously herewith

Submitted by,

*Steven H. Nolf* (Reg. 28,982)

25 Schiff, Hardin LLP  
**CUSTOMER NO. 26574**  
Patent Department  
6600 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606  
30 Telephone: 312/258-5790  
Attorneys for Applicant.

**CERTIFICATION OF MAILING**

"Express Mail" Mailing Label Number **EV362544819US**

Date of Deposit: April 25, 2005

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Commissioner for Patents, MAIL STOP PCT, P.O. Box 1450, Alexandria VA 22313-1450.

**Kenneth Dowling**

Application entitled: **"MOTION SENSOR CONTAINING FLUID  
INCORPORATING MOLECULES EXHIBITING  
MOTION-DEPENDENT ANISOTROPIC PROPERTIES"  
(As Amended)**

Our Case No. P05,0167 (27009-0196)

Signature of person mailing application and fee

CH11 4024003.1

